

Converting Colors

Hex(166CB6)

Have a look what the booklet for
Hex(166CB6) contains.

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Color

Hex(166CB6)

Conversions

Conversions Part 1

Format	Color
Hex	166CB6
RGB	22, 108, 182
RGB Percent	9%, 42%, 71%
CMY	0.9137, 0.5765, 0.2863
CMYK	0.88, 0.41, 0.00, 0.29
HSL	208°, 78%, 40%
HSV	208°, 88%, 71%
XYZ	14.1369, 14.2731, 46.2659
YIQ	90.7220, -75.0100, 4.7820

Conversions

Conversions Part 2

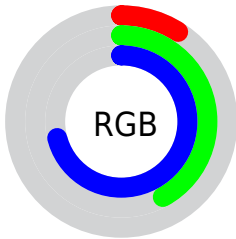
Format	Color
R_{YB}	22, 78, 182
Decimal	1469622
CIE _{Lab}	44.62, 3.61, -45.84
CIE _{LCh}	45, 45.981, 274.509
Yxy	14.2731, 0.1893, 0.1911
Android (android.graphics.Color)	4279659702 (0xFF166CB6)
YUV	90.7220, 45.0001, -60.2692
Hunter-Lab	37.7798, 0.6790, -46.1619

Details

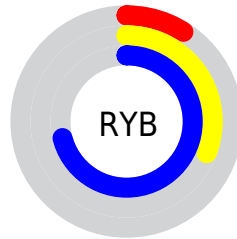
The Hex color **166CB6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B66016**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **629FEE**, and **003D80** is the 20% darker color. If you saturate the color by 10%, you get **0464B6**, and if you desaturate by 10%, it is **2874B6**.

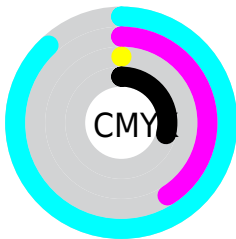
Distribution



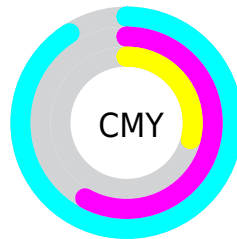
- Red (9%)
- Green (42%)
- Blue (71%)



- Red (9%)
- Yellow (31%)
- Blue (71%)



- Cyan (88%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 166CB6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 166CB6 by changing the saturation by 10% instead.

■ 166CB6

■ 166CB6

FFFFFF

■ 00549B

■ 629FEE

■ 003D80

■ 80BAFF

■ 002867

■ 9ED5FF

■ 00144E

■ BCF2FF

■ 000537

■ DAFFFF

■ 000221

■ F8FFFF

■ 000005

■ 000000

■ 166CB6

■ 166CB6

■ 0464B6

■ 2874B6

■ 0062B6

■ 3A7DB6

■ 4D85B6

■ 5F8EB6

■ 7196B6

■ 839FB6

■ 95A7B6

■ A8AFB6

■ BAB8B6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0076AE



166CB6



725DA9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166CB6



AB4C40



037A47

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166CB6



B66016

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



517426



166CB6



975B22

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166CB6



AE4565



786A14



007C6E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166CB6



915296



786A14



2C783B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166CB6



AFD1ED



16B65E



536778



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166CB6



007FED



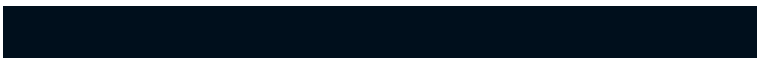
161EB6



53585C



00549C



000F1C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B6166C



ED007F



B6AE16



5C5358



9C0054



1C000F

Previews

White Background



This preview shows how the Hex color 166CB6 looks on a white background.

Color Contrast Check

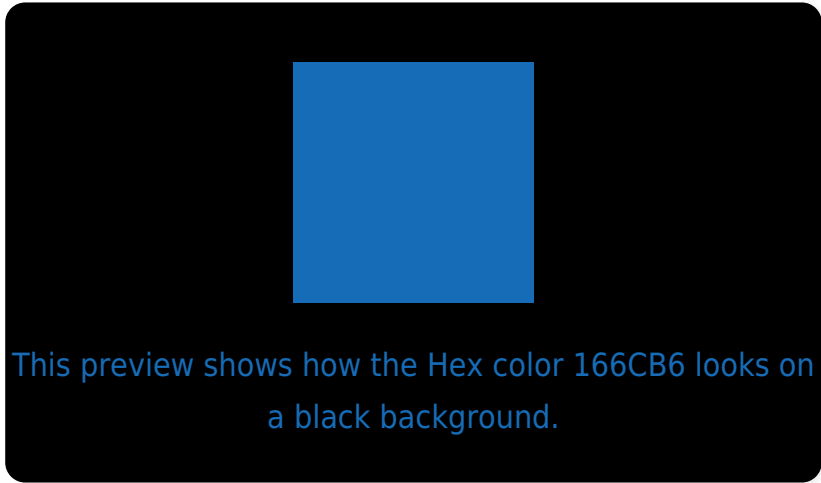
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

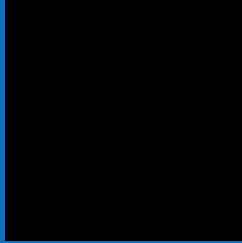
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 166CB6 Background



This preview shows how black text looks on a background with the Hex color 166CB6.

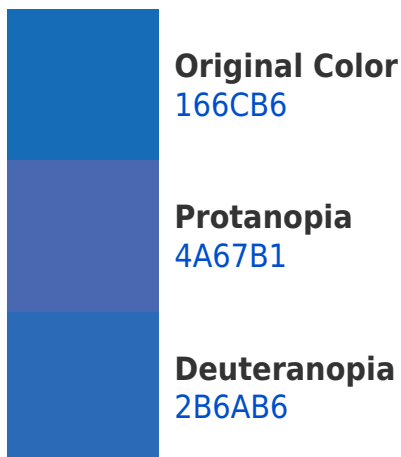


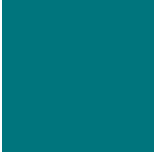
This preview shows how white text looks on a background with the Hex color 166CB6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

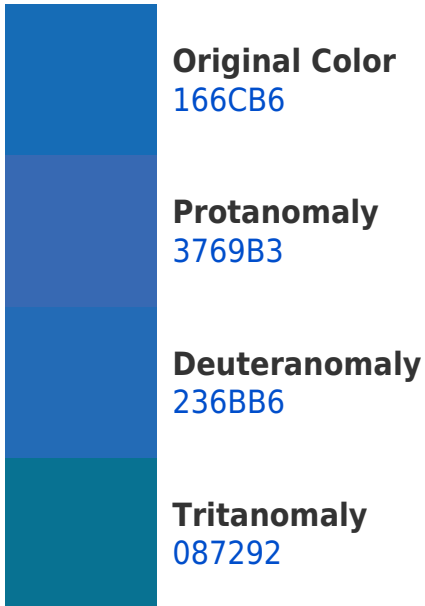
Dichromacy



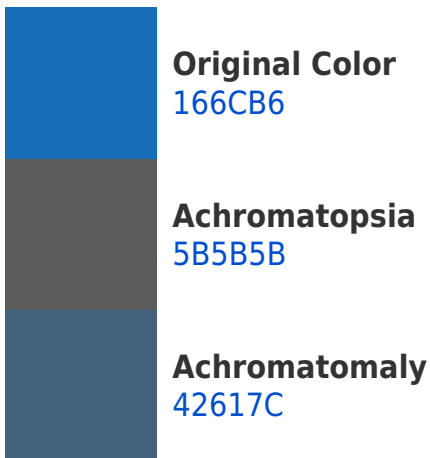


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 166CB6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #166CB6 looks like.

```
.text, #text, p{  
    color:#166CB6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #166CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #166CB6
}
```

Border

The CSS property to change the border of an element to Hex 166CB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#166CB6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#166CB6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #166CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #166CB6; -webkit-box-shadow:4px 4px  
4px 4px #166CB6; box-shadow:4px 4px 4px  
4px #166CB6 }
```

Background

The CSS property to change the background color of an element to Hex 166CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#166CB6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#166CB6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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